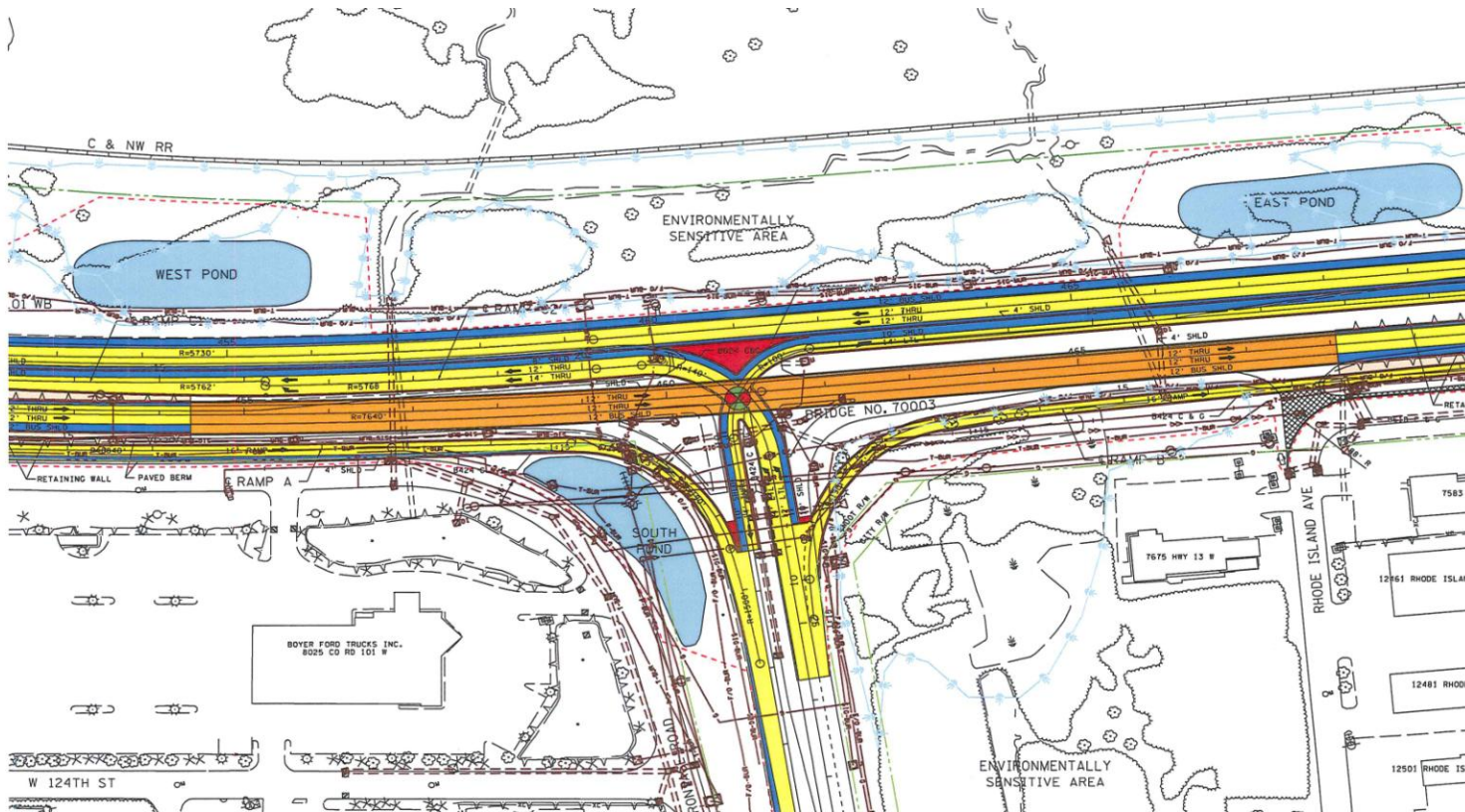


# 169 Corridor Coalition Presentation

## SP 7001-103 TH 13



13 101



design-  
build



## TH 13 Corridor Study, February 2000

- “The level of traffic along and adjacent to TH 13 has increased substantially in recent years with continued residential, commercial, and industrial development south of the Minnesota River and with the opening of the TH 169/Bloomington Ferry Bridge in the mid-1990’s.”
- “One of the many effects related to increased traffic volumes are increased accidents and other traffic safety issues.”
- “As a principal arterial, the design and operation of TH 13 is expected to favor mobility over access needs.”

## Ports of Savage Feasibility Study, September 2002

- “Trunk Highway 13 carries the highest volume of truck traffic in Minnesota, and farmers and truckers find it difficult to negotiate the traffic to reach the Ports of Savage in a timely manner. TH 13 is unique in its combination of commuter traffic with truck access to a major national port.”



## TH 13 South Frontage Road Improvements Feasibility Report, October 2004

- “This project is necessary to provide additional local access control along TH 13 in the downtown Savage area and help improve the overall traffic flow on TH 13 and access to the Ports of Savage.”

## TH 169/TH 13 Stakeholders Workshop Report, December 2006

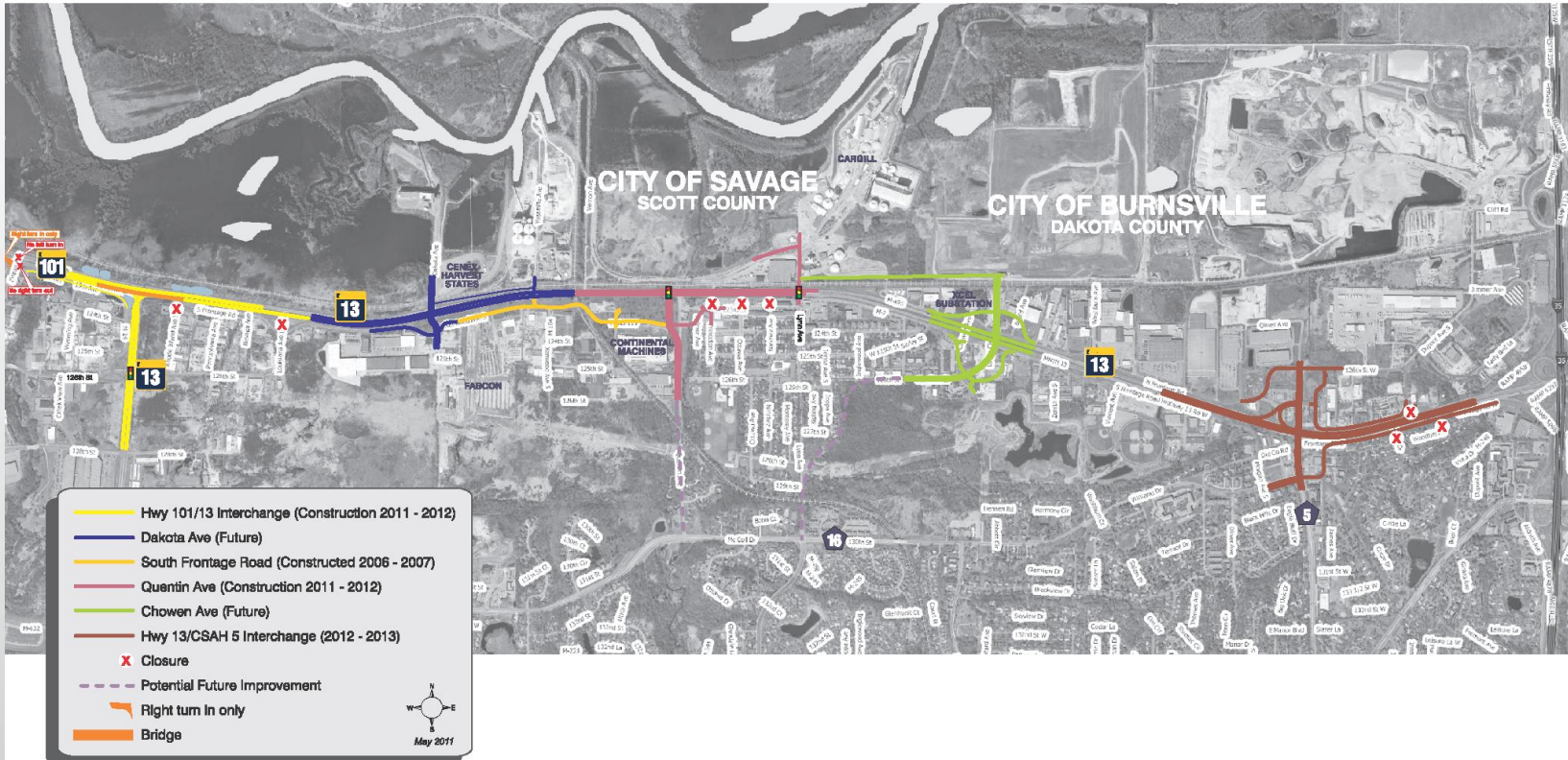
- “The high volume of through traffic on TH 13 and left-turns from northbound TH 13 to westbound (TH) 101 cause much of the congestion during the peak hours at the TH 13 intersection.”
- “Mn/DOT suggested full closure of the intersection at Zinran Avenue and (TH) 101...”

## Federal Funding Award, January 2008






## Highway 13 Corridor Vision



# PROJECT BENEFITS

## Safety

- The TH 13 and TH 101 intersection experiences on average around 30 crashes per year. It is anticipated that the project improvements will reduce number of crashes at the intersection by around 50%.
- The intersection of Hwy 13 and Hwy 101 was ranked #18 on the statewide-list of Top 200 Highest Crash Cost intersections (MnDOT crash data from 2005-2007). During this period the average annual crash cost was about \$1,300,000. Over 75% of these crashes were rear-end crashes, which are related to congestion and the signal at the intersection of Hwy 13 and Hwy 101.

## Mobility

- Currently, the TH 13 and TH 101 intersection has a capacity of 4,400 vehicles per hour. The project will more than double the capacity of the intersection.





# PROJECT HISTORY

December 2009: Municipal Consent Granted

2/10/10: Staff Approved Layout

10/8/10: Best Value Bids Opened – All deemed unresponsive

1/28/10: Low Bid Bids Opened – \$19,037,000 Ames Construction, Inc

3/30/11: FHWA Concurrence and Project Award

4/5/11: Notice to Proceed 1 (NTP1)

5/27/11: NTP2



## General Layout

### Roadway

- Limits
- Free Flowing EB & WB
- EB 101 above 100 yr Flood
- Bus Shoulders
- Access Closures
  - Zinran Ave (Right In)
  - Rhode Island Ave
  - Louisiana Ave

### Environmental

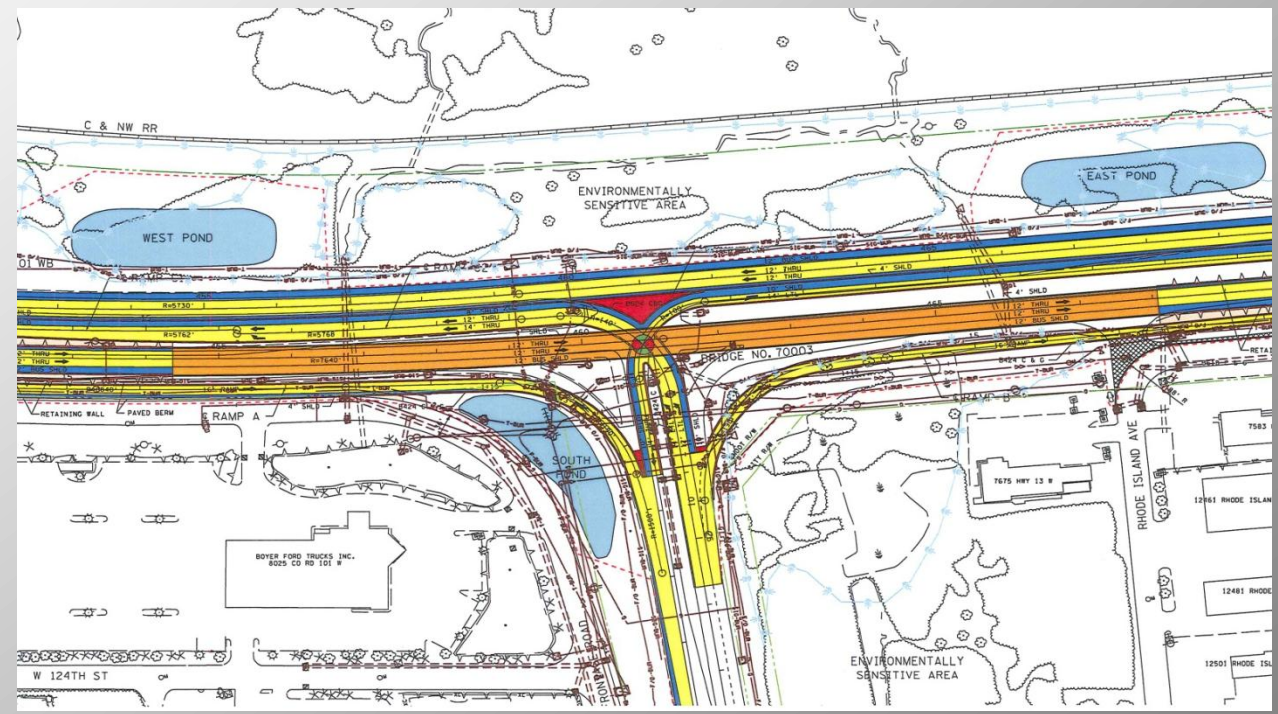
- Flood plain
- Artesian Condition
- Savage Fen
- Eagle Creek
- 3 Ponds

### Right of Way

- No additional R/W

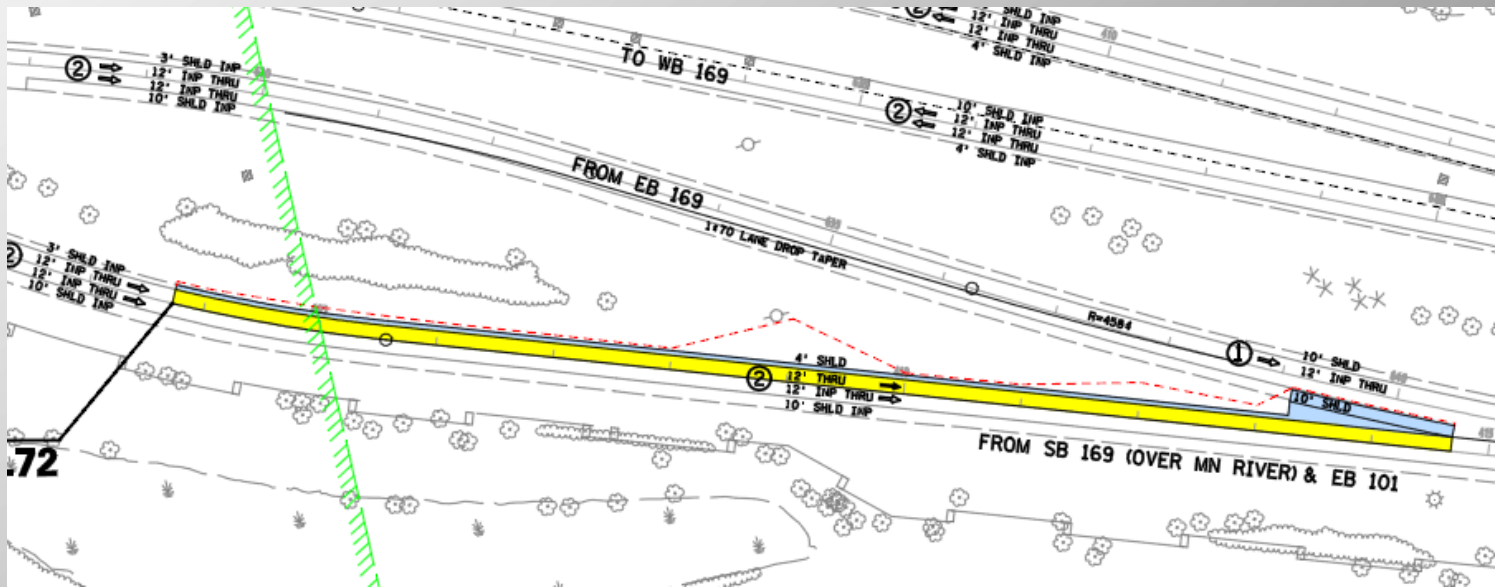
### Bridge

- 1000 ft long



## Lane Continuity Change

- Lane drop for EB 169 to EB 101.
- Lane add for SB 169 to EB 101.
- Improve merging and reduce congestion from backing up onto Bloomington Ferry Bridge during PM rush hour.
- High Benefit - Low Cost





# CONSTRUCTION SCHEDULE

## MAJOR MILESTONES

- Late July: Ramps C & D, WB 101 Completed
- Early August: EB 101 Shifted to WB 101, Bridge Construction Begins, EB 101 Construction Begins
- Early 2012: Bridge Completed
- Mid June: Substantial Completion

## MAJOR TRAFFIC CHANGES

| Activity   | May | June | July | August | Sept | Oct | Nov | Dec | 2012 |
|--|-----|------|------|--------|------|-----|-----|-----|------|
| <b>Temporary Lane Closures - Hwy 13/101</b>  |     |      |      |        |      |     |     |     |      |
| Hwy 13 Westbound lane closures to construct bus shoulder (7 days)                    |     |      |      |        |      |     |     |     |      |
| Hwy 13 and Hwy 101 lane closures during non-restricted hours                         |     |      |      |        |      |     |     |     |      |
| <b>Temporary Closures</b>  |     |      |      |        |      |     |     |     |      |
| Zinran Avenue intersection - closed for 21 days                                      |     |      |      |        |      |     |     |     |      |
| 13th Avenue - closed for 60 days   |     |      |      |        |      |     |     |     |      |
| <b>Three (3) Weekend Closures</b>  |     |      |      |        |      |     |     |     |      |
| Hwy 13 South Leg   |     |      |      |        |      |     |     |     |      |
| <b>Permanent Intersection Closures</b>   |     |      |      |        |      |     |     |     |      |
| Hwy 101 Eastbound ramp from northbound Hwy 169 construction - permanent lane closure |     |      |      |        |      |     |     |     |      |
| Louisiana Avenue Intersection with Hwy 13 - permanently closed                       |     |      |      |        |      |     |     |     |      |
| Rhode Island with Hwy 13 - permanently closed  |     |      |      |        |      |     |     |     |      |
| Zinran right turn to Eastbound Hwy 13/101 - permanently closed                       |     |      |      |        |      |     |     |     |      |
| Westbound Hwy 13/101 to Zinran left turn - permanently closed                        |     |      |      |        |      |     |     |     |      |
| Hwy 101 Eastbound U-turn permanently closed  |     |      |      |        |      |     |     |     |      |



# Additional Information

## Project Contacts

Liz Benjamin, Project Manger (952) 826-6705

Dale Gade, Design Manager/Construction Manager (651) 775-1581

J.P. Gillach, Public Affairs (651) 234-7503

Curt Kallio, Design-Build Program Manager (651) 366-4233

## Project Website

<http://www.dot.state.mn.us/metro/projects/hwy13savage/index.html>

## FAQs

<http://www.dot.state.mn.us/metro/projects/hwy13savage/faq.html>

## Business Information

Via News Letter/Advisory Emails

